

Outlook

THE UNIVERSITY OF MARYLAND FACULTY AND STAFF WEEKLY NEWSPAPER
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PUMPKIN SEASONS KICKS OFF, PAGE 4



Assistant research scientist Christopher Shuman at the South Pole, January 2000.

University Scientist on Expedition to the South End of the Earth

To learn how the Earth's climate has varied in the past and how it might change in the future, scientist Christopher Shuman is willing to go to the bottom of the world.

On Oct. 30, Shuman, a researcher with the university's Earth System Science Interdisciplinary Center, began his fourth trip to the frozen continent of Antarctica.

Shuman, who also has conducted research near the top of the world in Greenland, will spend more than a month traversing 750 miles of the western Antarctic's Polar desert with other U.S. members of the International Trans-Antarctic Science Expedition (ITASE). This will be his second visit as part of ITASE, a project to drill and bring back Antarctic ice cores for analysis.

In an interview just before he left, Shuman explained that studying these ice cores allows scientists to examine historical fluctuations in atmospheric temperature and other atmospheric conditions. The interior of Antarctica is an ideal place to obtain ice core samples for such studies because none of the moderate amounts of snow that fall there melts.

"Our goal is to take ice cores... that have layers that correspond to the year by year accumulation," Shuman said. "These layers preserve a record of the atmospheric conditions present over hun-

dreds and in some cases even hundreds of thousands of years."

Shuman said he and other scientists hope that by studying core samples from Antarctica they will learn more about the impact human activities may have had on the atmosphere over the continent.

Temperature and other information from the last 200 years is compared with that from years prior to the time that mankind started burning fossil fuels extensively in an attempt to separate out natural variability in the atmosphere over Antarctica from human-induced changes.

One of Shuman's jobs on the expedition will be one most people hope every winter to avoid: shoveling snow.

But this low-tech activity is actually one of the most important parts of the expedition. Scientists studying ice core samples estimate the atmospheric temperature for a given year based on the amounts of key isotopes of elements like hydrogen and oxygen that are present in a given year's layer of snow.

Because the first few meters contain snow from the most recent years, the sample-based estimates for temperature and other atmospheric variables for these layers can be compared with actual readings taken by satellites and ground weather stations for those years. Good samples from the recent layers thus are essential for cali-

brating, or setting the accuracy for, data derived from much older layers.

Samples from the first few meters have to be collected by hand, Shuman explained, because the ice coring equipment has a tendency to break up the uppermost layers of snow so they can't be analyzed as accurately.

Shuman said that while his scientific expectations for this expedition are high, they are tempered by his knowledge of the extremely difficult and potentially hazardous conditions presented by the Antarctic. Even in November, which is late spring for that part of the world, temperatures will be below zero Fahrenheit. The potential for high winds and life-threatening white out conditions is ever-present.

On an Antarctic expedition the possibility is always there that conditions and circumstances will result in a team having to be pulled out without achieving their major scientific goals.

"There is just such a broad range of challenges to surviving. And that's assuming that everything works as well as it can, that major equipment failures don't happen, that major storms don't catch you in dangerous or difficult circumstances," he said. "You have to be prepared for the minimum expectation, which is that you don't get any real complex science done but you do come home safely."

Combining Reading and Science Boosts Students' Achievement

Put a salamander in the middle of the table in a third grade classroom and you get the students' undivided attention. The questions start coming fast and furious.

Tapping into that curiosity may be the key to helping older elementary school children make the transition from reading stories to reading for comprehension and knowledge, say a group of researchers at the University of Maryland.

John T. Guthrie, an educational psychologist in Maryland's College of Education, and his team are joining forces with Frederick County Public Schools to test the long-term viability of an instructional approach that uses hands-on science to build interest in reading for information. The five-year, \$3.4 million project, recently funded by the National Science Foundation, will involve some 3,600 third, fourth and fifth grade students in

16 schools across the district. Co-investigators include Allan Wigfield, Department of Human Development, and Pedro Barbosa, Department of Entomology.

The study is prompted by a growing national concern that too many students are deficient in comprehension skills. The National Assessment for Educational Progress (NAEP), for example, reports that 40 percent of grade four students score "below basic" on the national reading assessment.

"We know that reading comprehension is influenced by both cognitive and motivational factors," says Guthrie. "Students must possess both specific reading skills and strategies as well as confidence and desire to read the new information."

The approach of concept-oriented reading instruction (CORI) provides motivation with themed

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Economist Guillermo Calvo Awarded King Juan Carlos Prize in Economics

The setting was formal—"terribly formal," as Guillermo Calvo puts it.

In the imposing Madrid headquarters of the Bank of Spain, at a ceremony rich in protocol, the director of the University of Maryland Center for International Economics and Distinguished University Professor received the King Juan Carlos Prize.

The prestigious award goes to internationally recognized economists, generally to individuals of Spanish or Latin American origin. Calvo, a native of Argentina, accepted the prize from the king with a formal bow on Oct. 26.

Last week's solemnity and recognition contrasted with the atmosphere at another distinguished gathering of economists nearly six years ago—a meeting that eventually helped solidify Calvo's reputation. But on that April day in 1994, "a hush fell over the room when I spoke. They thought I'd lost my mind," he says.

At a Brookings Institution panel discussion on economic activity, Calvo said a monetary crisis loomed in Mexico, and he pre-



Guillermo Calvo

dicted the collapse of the Mexican peso. As if that were not enough, Calvo said the crisis would be so significant

for the global economy that the United States would end up spending \$25 billion to keep Mexican banks afloat.

Most other economists in the room were stunned and thought Calvo's prediction outlandish. Trade figures showed a healthy movement of products in and out of Mexico. "The conventional wisdom said Mexico was doing everything right," he explains.

But Calvo looked at a different set of figures. At the time, as a senior analyst at the International Monetary Fund, he and colleagues were looking not at the flow of trade, but the movement of capital.

Just a few years earlier—when the U.S. economy was in recession—American dollars moved south into Mexican banks. By mid '94, though, the U.S. economy had

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dateline maryland

Your Guide to University Events
November 1-9

november 1

12:15-1 p.m., Discussion: "Public History and History Advocacy: The View from the National Coordinating Committee for the Promotion of History," with Bruce Craig. Please feel free to bring your lunch to this informal session. 0125 Key Hall. For information, contact Dr. Bruce Dearstyne at bd58@umail.umd.edu.

4-5 p.m., Astronomy Colloquium: "Infrared and Microwave Emission from Ultrasmall Interstellar Dust Grains." With Dr. Bruce Draine, Princeton University. 2400 Computer & Space Science. Contact Derek Richardson at 5-8786 or at collrequest@astro.umd.edu.

7:30 p.m., Performance: "L'Elisir d'Amore" by Donizetti. Maryland Opera Studio with François Loup, director and Louis Salemno, guest conductor. Ulrich Recital Hall, Tawes Theatre. Also Nov. 3 and 4 at 7:30 p.m. and Nov. 5 at 3 p.m. Contact Shawn Eigenbrode, 5-7283 or seigenbr@deans.umd.edu. For tickets, call 5-7847.*

7:30-10 p.m., Poetry Reading: "Voices from the African Diaspora" featuring Ethelbert Miller, Merle Collins, Lillian Allen, Abena Busia, Tanya Shirley and Hayes Davis. 2203 Art/Sociology Bldg. Sponsored by the Committee on Africa & the Americas, 5-6835.

november 2

10-11 a.m., Workshop: "Helpful Counseling Referral Resource." Faculty and staff may refer students needing assistance coping with issues common among college students to the Counseling Center's Life Skills Workshops. Five 1-hour weekly sessions begin Nov. 2 and address stress, self-esteem, assertiveness, conflict and anger, and relationships. Shoemaker Bldg. Contact Dr. David Petersen, 4-9792 or dp91@umail.umd.edu.

4-5 p.m., Lecture: "Zinc and Thyroid Hormone: Do the molecular predictions hold true?" by Dr. Hedley Freake, Dept. of Nutrition Science, University of Connecticut. 0200 Skinner. Sponsored by the The Graduate Program in Nutrition. Contact Dr. Phylis Moser-Veillon at 5-4502 or pvv6@umail.umd.edu.

4:30-6:30 p.m., Wellness Fair: "Walk Down the Path to Wellness." Test your body composition, heart rate, flexibility, nutrition IQ, body awareness, and stress level. Prizes will be given to each individual who finishes each test. Center for Health and Wellbeing, 0121 Campus Recreation Center. For more information or to register, 4-1493 or Treger@health.umd.edu.

4:30 p.m., Presentation: "Culture Wars in Brazil, or How I Came to Love a Populist-Dictator Who Committed Suicide and Became a National Icon," a multi-media presentation for undergrads, graduate students and faculty. Pizza follows. Sponsored by the Department of History. 0106 Key Hall. For more information, contact Robyn Muncy at 5-4272 or rm87@umail.umd.edu.

8 p.m., Performance: "Maryland Dance Ensemble." Tawes Theatre. For information, call 5-7847.*

november 3

7:30 p.m., Performance: "L'Elisir d'Amore" by Donizetti. Maryland Opera Studio. (See description in Nov. 1 listing.)*

8 p.m., Performance: "Maryland Dance Ensemble." Tawes Theatre. For information, call 5-7847.*

november 4

11 a.m. to 1 p.m., Reception: "Love Makes a Family: Lesbian, Gay and Transgender People and Their Families." At the Parents' Association Gallery, Stamp Student Union. (Details in **For Your Interest**, p. 4.)*

12 noon, "Joint Service Project." A half day of community service with individual students, departments, and student organizations. At the Nyumburu Cultural Ctr. Contact Toby Jenkins at 4-8439.

7:30 p.m., Performance: "L'Elisir d'Amore" by Donizetti. Maryland Opera Studio. (See Nov. 1.)*

november 5

3 p.m., Performance: "L'Elisir d'Amore" by Donizetti. Maryland Opera Studio. (See Nov. 1.)*

november 6

4-6 p.m., Colloquium: "Environmental versus Genetic Effects on Phenolic Variation in Oaks: Consequences for Herbivorous Insects," with Rebecca Klaper, Dept. of Entomology. 1140 Plant Sciences. Contact 5-3938 or db40@umail.umd.edu.

november 7

2 p.m., Lecture: "When Command Fails: Principles of Priority and Finality." With Derek Bickerton, University of Hawaii. Sponsored by the Dept. of Linguistics. Contact Graciela Tesan, graciela@wam.umd.edu.

6-9 p.m., OIT Workshop, "Introduction to Adobe Photoshop." 4404 Computer and Space Science. Call 5-2938, or register online at www.umd.edu/PT.*

november 8

12-1 p.m., Brown bag lecture and discussion: "Enhancing the Campus Climate for Racial/Ethnic Diversity: A Framework for Institutional Success," with Dr. Jeffery Milem, associate professor, Counseling and Personnel Services. 0114 Counseling Center, Shoemaker Bldg. For more information, contact Stacey Holmes at scholmes@wam.umd.edu or 4-7690.

12:30-2 p.m., Panel Discussion: "Environmental Security in Southern Africa." The Harrison Speaker Series presents Dr. Helen Purkitt, U.S. Naval Academy. CIDCM Conference Room, 0139 Tydings Hall. For more information, 5-7490 or kcousins@gvpt.umd.edu

5 p.m., Symposium: "Context and the Community: Race, Ethnicity and Masculinity." With David Savran, Brown Univ., and Harry Elam, Stanford Univ. In conjunction with 8 p.m. performance of SubUrbia (details in **For Your Interest**, page 4.). Laboratory Theatre, 2740 Clarice Smith Performing Arts Center. To reserve a space, contact Theatre Prof. Catherine Schuler, 5-6688 or cs93@umail.umd.edu.

6-9 p.m., OIT Workshop: "Inter-

calendar guide:

Calendar phone numbers listed as 4-xxxx or 5-xxxx stand for the prefix 314 or 405. Events are free and open to the public unless noted by an asterisk (*). Calendar information for *Outlook* is compiled from a combination of inform's master calendar and submissions to the *Outlook* office. To reach the calendar editor, call 405-7615 or e-mail to outlook@accmail.umd.edu.

Calvo Earns Economics Prize

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rebounded and American dollars were moving north again. Mexican banks might not have the capital they'd need to pay off depositors.

By the end of the year, his prediction would turn out to be correct—right down to the \$25 billion dollar bailout. From then on, Calvo was looked at as something of an economic prophet. "Intellectual resistance kept people in policy circles from recognizing the full implications of globalization of the economy," he says.

Last week, in his acceptance speech, Calvo pointed to another emerging trend also the result of globalization: global money. Panama, for instance, has adopted the U.S. dollar as the basis of its economy, and he predicts other countries will follow. "The idea is less crazy than it sounds, and not a bad one." Eventually, the dollar and the Euro-dollar might link up, he says. "The world would begin to look like a single country from an economic point of view."

But to keep globalization steady will require discipline. In his Madrid presentation last week, Calvo called it "time consistency." Policymakers need to follow through with their economic policies. "They need to stick to schedules and do what they promised. If they don't, they will lose credibility and weaken their ability to manage their economies," he says. The success of efforts to stabilize developing economies, including those in Eastern Europe, depends on this kind of discipline, he says. "It's a hard lesson to teach, though. It's a case where a soft heart and good intentions can lead you astray."

november 5

Terps take on the Wolfpack

3:30 p.m. is kickoff time for the Maryland home game vs. North Carolina State, which will be televised regionally by ABC-TV. The game will be played at Byrd Stadium.



mediate Microsoft Excel." 4404 Computer and Space Science. Call 5-2938, or register online at www.umd.edu/PT.*

8 p.m., Performance: "SubUrbia," opening night. Eric Bogosian's taut exposure of the American dream. Pugliese Theatre. (Details in **For Your Interest**, p. 4.)*

november 9

3-4 p.m., Distinguished Scholar Teacher Lecture: "Beyond This Point, There Be Dragons: Mapping the Journey to Expertise," by Patricia Alexander, Dept. of Human Development. The Atrium, Stamp Student Union. Reception follows the lecture. For more information, contact Rhonda Malone, 5-2509 or rmalone@deans.umd.edu.

4:30-7:30 p.m., OIT Workshop: "Introduction to Microsoft Powerpoint." 3330 Computer and Space Science. Register online at www.umd.edu/PT, or call 5-2938.*

8 p.m., Performance: "Mestra Cobra Mansa," a demonstration and participatory workshop on the Brazilian martial arts form capoeira. (See details in **For Your Interest**, page 4.)*

Outlook

Outlook is the weekly faculty-staff newspaper serving the University of Maryland campus community.

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Judy Shepard on Campus for "Building Bridges"

A little more than two years ago, University of Wyoming student Matthew Shepard was beaten, tortured, robbed and tied to a wooden fence near Laramie, Wyo. He lay in a hospital on full life support until he died five days later without regaining consciousness.

His assailants, now serving life sentences without parole, said they attacked Shepard because he was gay.

In the aftermath of their son's death, Dennis and Judy Shepard established the Matthew Shepard Foundation to honor the causes Matthew Shepard espoused, especially gay and lesbian equality and prevention of hate crimes.

On Nov. 10, Judy Shepard will be a featured speaker at the campus-wide "Building Bridges: Looking Back, Looking Forward" presentation. The week-long event will provide the university and surrounding communities with opportunities to increase awareness and understanding of hate and bias crimes and how to prevent them.

Organizers said the week's events will focus on local, national and international issues to help the campus community collaborate on more effective ways to redress hate and bias.

"Building Bridges" begins with an opening ceremony at 6 p.m. on Nov.

6 at the Nyumburu Amphitheater. Immediately following the ceremony will be a candlelight vigil to remember and honor victims of hate crimes. At noon on Nov. 6, the campus police department will sponsor a "human circle" on McKeldin Mall.

Matthew Shepard's story will be the subject of three talks. The first, on Thursday, Nov. 9, will feature James Hurst, University of Wyoming vice president for student affairs. Hurst was the campus spokesman who handled the media deluge when Shepard was murdered and during the trials of the two men who killed him.

"The case study is an administrative overview. We are looking at it through an administrative lens," said Jeanne Steffes, coordinator for Resident Life training and academic support programs. "We're trying to use that potentially as a training tool for others who work with hate crimes. What can we learn from the Matthew Shepard case as a case study?"

Judy Shepard will join Hurst at noon on Friday, Nov. 10, to speak about Matthew Shepard's legacy. She also will be the sole speaker at a 3 p.m. forum where she will talk about her personal journey.

"Here's a mother who lost her son, murdered just for being gay," Steffes said. "She brings the mother

and family perspective."

Syndicated columnist Roberto Rodriguez also will describe his personal journey through hate as part of the "Crossing Borders to Build Community at UMCP," which is running concurrently with the "Building Bridges" event. After Rodriguez' address, scheduled for 4 p.m. in the Nyumburu multi-purpose room, there will be an open dialogue on race relations on campus and in the community.

"We've moved out of the awareness stage and we're trying now to do some knowledge-building," said Christine Clark, executive director of the Office of Human Relations Programs. "Students want opportunity for dialogue."

Other events will include worship services, photo and text exhibits, discussions on issues such as diversity, violence and the gay and lesbian campus experience.

A complete listing of events and sponsors can be found at www.inform.umd.edu/nowandthen/news/bb.html. For further information, call 301-314-7608.

From Confrontation to Connection

Syndicated columnist Roberto Rodriguez will describe his "Journey Through Hatred" in the second of four events in the series "Crossing Borders to Build Community at UMCP" from 4-6 p.m. on Thursday, Nov. 9, in the Nyumburu Cultural Center Multi-Purpose Room.

Rodriguez will tell the story of being beaten to within inches of his life by the Los Angeles County Sheriff's Department for filming their beating of another man and how he reclaimed his own humanity in an all-consuming 20-year struggle with hatred of police officers and white people.

"Rodriguez's deeply moving presentation details the road he has traveled to heal himself and his communities of origin, and the work he does today to bring people together across social identity groups with dignity and respect to work for a more just future," said Christine Clark, executive director of the Office of Human Relations Programs, which is sponsoring the "Crossing Borders" series as part of the Diversity Initiative.

Immediately following this program, from 6-8 p.m., in the same location, Rodriguez will participate in "Connecting, Confronting, Understanding Across Races: An Open Dialogue on Race Relations" with interested members of the campus and larger local communities. Both the program and the dialogue are a part of the campus-wide "Building Bridges: Looking Back, Moving Forward" week of events aimed at combating hate on campus and beyond.

Academy of Leadership Presents First Alumni Achievement Award

Brian Woolfolk, class of '92, received the James MacGregor Burns Academy of Leadership's first annual Distinguished Alumni of the Year Award at an alumni dinner held on Oct. 20 in the Founder's Room at the Inn & Conference Center.

Woolfolk is the founder of Mattox & Woolfolk, a Washington, D.C., government relations and lobbying firm dedicated to providing services to minority-owned businesses and diversity training programs to corporations.

"It's clear that Brian Woolfolk took the message and the mission of the Academy to heart," says Academy Director Nance Lucas. "Using his own prodigious talents and leadership, Brian has moved forward to develop the leadership of others, particularly those who have been historically underrepresented in public life."

After receiving his Bachelor of Arts degree in criminal justice from the university, Woolfolk earned a law degree from the Marshall-Wythe

School of Law at the College of William and Mary. Before opening his own firm, Woolfolk worked on Doug Wilder's presidential campaign, was a legislative assistant to Congressman Robert Scott, and served as a Democratic counsel on the House Judiciary Committee.

Founded in 1981, The Academy of Leadership fosters



Brian Woolfolk '92 (right) is congratulated by Kathy Whitmire, former Houston mayor and Academy senior fellow, and Maryland Delegate Paul Carlson, also an Academy alum.

principled leadership through scholarship, education and training, with special attention to advancing the leadership of groups historically underrepresented in public life. For more information, www.academy.umd.edu.

Combining Reading and Science Boosts Student Achievement

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science lessons along with specific instruction in reading strategies aimed at building comprehension.

It was developed by Guthrie, working with a small group of Prince George's County teachers from 1993 to 1997. Guthrie's data-driven theory shows how context increases all aspects of reading.

Students tested in the CORI program showed increased reading comprehension on both program and state tests, increased motivation to read, increased curiosity about all areas of science and increased knowledge of science concepts.

"By integrating science and reading, we introduced a powerful motivating force that pushed children to seek out answers to their own questions," says Guthrie. "They became self-motivated readers and also mastered the subject matter outlined in the science curriculum."

The Frederick County project is an effort to see if those successes can be replicated on a larger district-wide scale in every-day classroom settings and to determine whether there is a cumulative benefit over time.

The CORI model will be tested against a straight "strategy instruction" approach that is

not integrated with any other subject matter. Strategy instruction is expected to increase reading skills, but not the long-term motivation for reading.

The CORI and strategy instruction models will be compared to the "traditional instruction" approach which emphasizes reading a variety of information sources with the expectation that students develop better strategies over time.

"From our earlier work we know that not all students are able to develop good reading strategies on their own with the traditional teaching methods," says Guthrie. "These are the students who seem to benefit most from CORI. But for all students, stronger reading motivation leads to higher reading comprehension."

Frederick County is a good test site because students have not achieved at the desired levels on the state reading and science assessments. In 1999, 49.3 percent scored "below satisfactory" in reading, and 52.2 percent were "below satisfactory" in science on the statewide assessment. Although the county is improving, Guthrie notes they are seeking innovations in instruction.

The project will begin with 12 third-grade classrooms in the

fall of 2001. A three-year longitudinal study evaluating progress in reading strategies, reading motivation and science knowledge will track students from third through fifth grades.

Children's development will be charted using statistical techniques of growth curve modeling. The district's teachers and reading specialists will receive specialized training to enable them to implement the instructional model in their classes and to sustain the program upon conclusion of the project.

"The Concept Oriented Reading Instruction study is a perfect example of the way in which College of Education faculty can help the state improve K-12 student achievement," says Dean Edna Szymanski. "The study uses research-based strategies to improve student learning and applies rigorous research methodology to evaluate how well those strategies actually work."

Other members of the interdisciplinary research team include Patricia Richardson, a policy specialist and the superintendent of schools in St. Mary's County, Maryland, and Clare Von Secker, a statistician in the Department of Measurement and Statistics, in addition to seven graduate students.

For Your Interest

Simmering in SubUrbia

The upcoming University Theatre production "SubUrbia" is a graphic look at today's youth and the world as seen through their eyes, directed by Karl Kippola. Performances of Eric Bogosian's taut exposure of the American dream begin on Nov. 8.

The scene for "SubUrbia" is the parking lot of a mini-mall convenience store in middle America. Three twenty-something friends reminisce about high school glory days and examine their stagnant lives while awaiting the arrival of their friend who has made it big as a rock star. Through humor, anger and angst, the playwright exposes some truths about young people in today's America.

The frustrated characters in "SubUrbia," who know what they want but are not as aware of how to go about getting it, are waiting for good things to happen to them while taking no action to improve their situations. The play contrasts these people with the owners of the convenience store, who embody the traditional pursuit of the American dream. They work hard and have goals, but are seen as outsiders intruding on the world of the young men and women who are at the play's center.

Audience members will have the opportunity to discuss "SubUrbia" with cast and faculty members after each performance. A discussion examining "Who is Entitled to Participate in the American Dream?" will be held Wednesday, Nov. 8 at 5 p.m. in the Department of Theatre Conference Room, 2804 Clarice Smith Performing Arts Center.

Performances take place Nov. 8-11 and Nov. 14-18 at 8 p.m., and on Nov. 12 and Nov. 19 at 2 p.m., at the Pugliese Theatre. For tickets and information, call the Clarice Smith Performing Arts Center, 301-405-7847.

Make Dance, Not War

Mestra Cobra Mansa, a demonstration and participatory workshop on the Brazilian martial arts form *capoeira*, is coming to Maryland courtesy of the International Capoeira Angola Foundation. *Capoeira* is, by origin, a martial art said to be developed by African slaves, who disguised it as dance in order to practice the art without arousing the fears of their enslavers. Its acrobatic and ritualized dance has long been associated with education and liberation.

The demonstration will take place on Thursday, Nov. 9 at 8 p.m. at the Clarice Smith Performing Arts Center, Dance Studio Two. A post-performance discussion will follow. Limited seating is available. For information, call the Clarice Smith Performing Arts Center, 301-405-7847.

The Art and Science of Bach

Professor Christoph Wolff, William Powell Mason Professor of Music and Curator of the Isham Memorial Library at Harvard University, will give the first of the Graduate School's Distinguished Lectures for this year. He will lecture on "Bach's Music and Newtonian Science: A Composer in Search of the Foundations of His Art."

Wolff has written extensively on the history of music from the 15th to the 20th centuries. His *Johann Sebastian Bach: The Learned Musician* (2000) is to date the most complete biography of Bach, addressing the development of the composer's musical mind and of all his musical gifts—those of the harpsichordist, organist, organ expert, music teacher, composer, conductor and music director. He emphasizes Bach's role as musical equivalent to Isaac Newton's striving as a physicist in the era of exploration between the 17th and the 18th century.

The lecture will take place on Monday, Nov. 13 at 4 p.m. in 200 Skinner.

A Win-Win Proposition

Have a research project undergraduates could help develop or execute? Consider joining the more than 300 faculty and staff members who are part of the Undergraduate Research Assistant Program (URAP).

URAP, administered by the Office of the Dean for Undergraduate Studies, introduces undergraduates to the discipline and rewards of scholarly research. Students spend four to six hours a week working with or under the direction of a faculty mentor on that faculty member's research. At the conclusion of the assistantship, they will receive an Undergraduate Research Assistant notation on their transcript. Participation in the program "makes the big store small" for undergraduates, since it allows them to work closely with faculty members outside the classroom and gives them the opportunity to make significant contributions to faculty research. It also allows faculty members to get the serious and skilled help they need.

For more information, visit the URAP Web site (www.inform.umd.edu/ugst/URAP) or call Penny Asay, coordinator for research programs, at 301-405-9342.

Inclusive Family Values

In celebration of Lesbian, Gay, Bisexual, and Transgender families, the Office of Campus Programs, the Office of Lesbian, Gay, Bisexual, and Transgender Equity, the Parents Association Art Gallery, and Student Entertainment Events are hosting the critically acclaimed photo-text exhibit "Love Makes a Family: Lesbian, Gay and Transgender People and Their Families."

Photographs by Gigi Kaeser depict a variety of gay, lesbian, bisexual, and transgender families of all races in familiar family settings. The black and white photos are accompanied by text edited by co-creator Peggy Gillespie from in-depth, candid interviews with family members about their lives, their relationships, and the ways they cope with the realities of prejudice, bias, and intolerance on a day-to-day basis.

The exhibit is currently on display in the Parents Association Gallery of the Stamp Student Union through November 12th. The Art and Learning Center will host the opening reception on Saturday, Nov. 4 at 11 a.m. This reception coincides with the University of Maryland Family Weekend. Family Weekend provides an opportunity for families to visit their students and participate in activities across campus. For more information, contact Will Simpkins, Coordinator, LGBT Student

Involvement and Community Advocacy at 301-314-7174 or wsimpkins@union.umd.edu.

Windpipes and Wind Instruments

Under the direction of Edward Maclary, the Maryland Chorus performs choral masterpieces by Mozart and Copland, featuring acclaimed faculty soprano Linda Mabbs and the Annapolis Symphony Orchestra. Join the Chorus on Sunday, Nov. 5 at 3 p.m. in the Memorial Chapel for this free event.

On Sunday, Nov. 6, in the Tawes Theatre, conductor John E. Wakefield leads the Maryland Symphonic Wind Ensemble's program including works by Vaughan Williams, Handel and Holst. For information, 301-405-5542.

Assessing the Educational Experience

Last spring, a team of Campus Assessment Working Group members and graduate students held a series of focus groups with university seniors on their experience with academics and diversity, and their transition out of the university. To follow up, CAWG is sponsoring "Senior Voices: Reflections on Academics, Diversity and Transition," where the findings of this project will be presented and participants will be invited to discuss the implications.

The forum will take place on Friday, Nov. 3 from 12 noon-1:30 p.m. in the Maryland Room, Marie Mount Hall. A light lunch will be served. For more information, contact the Campus Assessment Working Group at CAWG@umail.umd.edu or 301-405-5590, or visit their Web site at www.umd.edu/cawg.

Decisive Differences

The Whiting Turner Lecture Series for Entrepreneurs Fall Series presents Thomas Scholl, chairman of Paratek Microwave, Inc., for his lecture "Decision-Making: Entrepreneurs Rush in Where Bureaucrats Fear to Tread!"

Mr. Scholl will describe what it's like to start a high-tech company. He'll provide anecdotal examples of some of the differences between working at a high-tech start-up company versus a Fortune 500 company, particularly with regard to decision-making.

The lecture takes place on Wednesday, Nov. 8 at 4 p.m. in Room 1202 of the Glenn L. Martin Classroom Building. Refreshments will be served. For more information, contact Cornelia Kennedy at 301-405-2150, or ckennedy@accmail.umd.edu.

Focus on Early Modern Women

The Center for Renaissance and Baroque Studies is sponsoring "Attending to Early Modern Women: Gender, Culture and Change," from Nov. 9-11.

The conference is the fourth in a series that explores the lives and work of early modern women from an interdisciplinary perspective. Participants will reflect on the history and future of early modern women's studies, asking what has been learned during the last 25 years of research on women and how technology can best be utilized to facilitate research and teaching.

In addition to the future of scholarship in the field, the symposium will focus on the complex interaction between women and gender, considering when a focus on women is appropriate and when it is more fruitful to discuss gender.

Several distinguished scholars will present research and lead workshops as they approach different topics from a variety of disciplines, including English and world literatures, art and history, philosophy, theater and the history of science. Professors and graduate students are invited to attend lectures and participate in interactive workshops, which are structured around four central themes: stories, goods, faiths and pedagogy.

For registration information, e-mail crbs@umail.umd.edu, call CRBS at 301-405-6830 or visit the conference Web site at www.inform.umd.edu/crbs.

Jumpin' Jack-o'-lanterns!



The Department of Natural Resource Sciences and Landscape Architecture, intent on attracting the attention of prospective students in creative ways, sponsored a pumpkin-carving contest on Oct. 25 on Hornbake Plaza. Jack-o'-lantern fans turned out enthusiastically for the event, which featured a timed carving contest, apple cider and pumpkin pie. Faculty, staff and student carvers and their compatriots voted on the final sculptures—and then, presumably, took them home to embellish their front lawns for the holiday.